

The Wobbly Oscillator



Hams Who Serve

Cuyahoga Amateur Radio Society

July 2024 Volume 54 Number 7



Whatta Field Day

*From The Prez
Toby, WJ8D*

Field Day

This year's Field Day was fantastic, certainly one of our best ever. Elmwood Park in Independence turned out to be an excellent venue, with a little tweaking it will even be closer to perfection next year. The rainy weather that was predicted stayed away long enough to allow dry operating for the full contest period as well as the teardown. From the accompanying pictures and participants' comments, it's obvious all partakers had a fine time.

After many years as Field Day chairman, I can state ardently one of the best moves I've ever made was passing the torch to Bob Robbins, K8RGI. Bob has done an impressive job organizing and running Field Day ever since he took over; and his 2024 CARS effort further raised the bar. Bob loves and lives for Field Day and it really shows. I thank Bob from the bottom of my heart.

I must also thank the Field Day committee. Ron, K8RLH, worked his magic creating a flawless logging network. The station captains, Mark, WJ8WM; David, AC8TN; Bob, K8RGI; Richard, WA8RR, and Scott, AC8NW, were the backbone of communications, setting up stations, contributing equipment, helping newbies gain experience, and staying radioactive from 2:00 PM Saturday through 2:00 PM Sunday. Chuck, K8CVM, brought his communications trailer and made the alternate energy contacts. Joe, KD8BAL, and John, NU8Y, made sure the site was safe and kept us all injury free. John also set up a VHF station for all to use. Andy, KD8SCV, adroitly handled media publicity, public relations, and social media. Eddie, KD8FTS, took care of the message handling. The teamwork displayed by these guy exemplified what Field Day is all about.

A very, very special thank you goes out to Karen Robbins, the star of the show, for keeping all the participants and guests well fed during the event. She shopped for groceries, cooked at home and at the site, made numerous trips from her home to Elmwood Park putting on great meals, providing snacks, and preparing delicious hot soup providing overnight sustenance for the night owls. The positive comments about Karen and the food were overwhelming.

*Karen, you **are** our hero.*

Wobbly Oscillator Editor Announces Retirement

Eight years ago our former WO editor stepped aside. We were up a creek with no one volunteering to take over. I had no choice except to “fill in for a couple issues” until we could find a replacement. I’m still filling in.

I will continue to edit the newsletter until the end of the year but will retire as editor then. Whoever would like to take over this awesome job can contact me to make arrangements for the transfer. With the great submissions we get every month and the number of pictures we now use, putting together the WO is easier than ever. Moreover, I will help get a new person started and assist with whatever it takes.



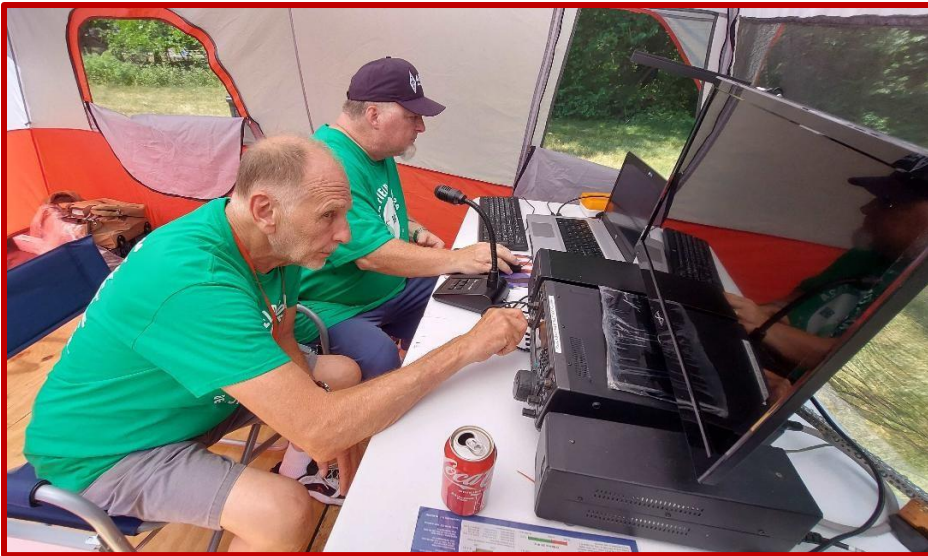
Fan favorite, Karen Robbins, applies her culinary skills to burgers and buns, while hubby Bob, K8RGI, burns some dogs. (Left)

Field Day is all about teamwork as the boys pitched in to help Scott, AC8NW, pitch his tent that would house his station for the event. (Below)





Karen's energies paid off as members and guests were treated to splendid meals throughout the event.



Al, KF8BCC, took to Field Day operation like a duck to water and avoided picking up any bad habits from Toby, WT8O.



Look, up in the sky. It's a bird, it's a plane. No, it's an antenna ready to radiate RF during Field Day.



There was no lack of smiles when Sam Perlman, Richard, WA8RR, two guests, and Matt, KE8OZU, blasted out contacts on FT-8 at the digital station.



Ron, K8RJH, wearing his logging network manager's hat. His network never missed a Q.



Scott, AC8NW, looks cool as a cucumber operating in the mid-90s temperature.



Andy, KD8SCV, welcomes a guest with his sparkling personality.



Fellow North Royaltonites - Chuck, KF8AYX; his XYL Denise, KF8AYW, and John, NU8Y, living the good life.



John, NU8Y, cordons off a generator and ancillary equipment as part of he and Joe's , KD8BAL, tremendous safety program.



What a great day for Denise, KF8AYW, her first Field Day, and winning the 50/50 as Joe, KD8BAL hands her the loot.

CARS Repeaters

146.820 (-) PL Tone 110.9

Analog Repeater

Main Site – Brecksville

Receive Only Site – Brunswick

Receive Only Site – Shaker Hts.

AllStar Node 47067

EchoLink Node 343470 (K8ZFR-R)

WIRES X Node 91242 Room 01242

443.825 (+) PL Tone 131.8

Digital Yaesu Fusion

Linked to 146.820 Repeater

Brecksville

444.75 (+) PL Tone 131.8

Analog Repeater

Not Linked to Other Repeaters

Shaker Hts.



Chuck, K8CVM, brought his way cool communications trailer out and made the alternate energy contacts with solar power.



Bob, K8RGI, steps up his style donning his new lid while Ron, K8RJH, bangs out the contacts.



The public information table featured a slide show of CARS activities and hand-outs for visitors.



Mark, WJ8WM, set up a very impressive station running SSB.



Two digital stations were set up in the tent, and were quite an attraction, not only to visitors, but also to experienced hams new to digital operation.



Andy, KD8SCV, and Bob, K8RGI, team up making contacts.

June 2024 Meeting Minutes

LOCATION - The meeting was held on June 11th at the Harriet Keeler picnic area in the Brecksville Reservation.

CALLED TO ORDER - President Toby Kolman, WT8O, called the meeting to order at 7:35 PM.

PLEDGE OF ALLEGIANCE - Those present pledged allegiance to the flag of the United States of America.

INTRODUCTIONS - Those present introduced themselves. The meeting had 21 attendees.

MEETING MINUTES - The May minutes, as published in the June issue of the Wobbly Oscillator (WO), were approved.

TREASURER'S REPORT - Matt Perlman, KE8OZU, provided an update on club finances. No concerns were reported with the financials. Paperwork was submitted to the ARRL to change trustees for the club callsigns.

PRESIDENT'S REPORT - Toby Kolman, WT8O, reported the following:

- The Hamvention bus was excellent.
- Memorial Day parade - Thank you to everyone who helped out with it.
- Field Day is June 22-23 from 2:00 PM Saturday to 2:00 PM Sunday at Elmwood Park in Independence. Set-up is the evening of Friday the 21st and Saturday morning. Sign up for dinner, T-shirts, and participation.
- Mentoring Sessions - Please send Toby suggestions on what you want to see.
- WO Contributions - Send for sale and wanted items to Toby so he can include them.
- Roster accuracy & availability
- We're trying to build the club. Please invite fellow hams and friends to the meetings.



Al, KF8BCC, gave a bone chilling presentation on the Cleveland Torso Murders.



It was great to see Leone, KB8VBR, as he chats with Chuck, K8CVM.

VICE PRESIDENT'S REPORT - Ron Hollas, K8RJH, reported the following:

- Congratulations to Toby for his great work on the WO!
- Consider the Value of ARRL Membership.
 - Support ARRL with your Membership and renewals.
 - The latest Membership Bulletin was issued on June 6, 2024, and is available on [arrl.org/news](https://www.arrl.org/news)
 - Free Student Membership (Age 21 and younger) <https://www.arrl.org/join> for information.
- Latest ARRL Podcast:
 - Served Agencies: Who They Are and How We Serve Them
- ARRL Forums from Dayton Hamvention are posted on the ARRL site. Some are videos, and some are just slides.
- ARRL Audio News – For the latest in Amateur Radio News and Developments, Available and posted weekly every Friday. Check out ARRL.org for the audio link subscriptions to these podcast files.
- Reminder: Be sure to register and update your NOAA Weather Spotter Status. Email stormcfe@noaa.gov for more information.

SECRETARY'S REPORT - Secretary Matt Neely, NU8H. I need a volunteer for a back-up secretary.



(Above) Andy, KD8SCV, hawks 50/50 tickets, while Terry, KB8DTC, explains his philosophy of life to Simpson, N8UZF.

(Right) Al, KF8BCC, wins the 50/50.



PUBLIC SERVICE - Chuck, K8CVM, shared that all CARS members are invited to the local ARES meeting. The meetings are held at the Helwig Whistle Stop on the third Tuesday of the month. Visit <https://n8esg.org/> for details and to volunteer.

- Thanks to those who supported previous events.
- He provided an update on the new communications trailer.

VE UPDATE - Metro, W8MET, reported that the last sessions went well. During the session, two Technicians and one General were licensed. The next session is July 14th.

PROGRAM COMMITTEE - Joe, KD8BAL, reported that:

- At today's meeting, Al Farley, KF8BCC, will be presenting on the Torso Murders.

TECH COMMITTEE - Scott, AC8NW, reported they hope to get their new internet connection this weekend.

OLD BUSINESS - Toby, WT8O, led a discussion on the following:

- Al Farley, KF8BCC, will be providing the pop at future meetings.
- 10 (HF) Meter net is stagnant, but we're still trying to move it forward.
 - People reminded attendees that the Woodchuck's also have a 10 meter net, and all are welcome to join.
- Positions needing to be filled - Holiday party/Picnic committee and a backup secretary.
- A proposed bylaw change to allow students and people under 18 to pay \$10 a year for CARS membership was presented. Paper copies of the proposed changes were passed around for review. They will also be reviewed again at the next meeting, after which they will be voted on.
- Dave, AC8TN, shared that the CW schedule for Field Day has been published. Please review it and contact Dave for any changes. There are 9 CW operators this year! Another CW class will be offered in the autumn.

REFRESHMENT - Thank you to Ron, K8RJH; Matt, NU8H.

NEXT MEETING - The Cuyahoga Amateur Radio Society's next meeting will be on July 9th at the Harriet Keeler picnic area in the Brecksville Reservation

ADJOURNMENT - Toby, WT8O, adjourned the meeting.

50/50 Drawing - Al Farley, KF8BCC, won the 50/50 drawing.

Submitted by Matt Neely, NU8H, CARS Secretary



Next CARS Meeting

Tuesday, July 9th - 7:30 PM

**Harriet Keeler Picnic Area
Brecksville Reservation
Cleveland Metroparks
Edison Fong, WB6IQN**

**Will present a program on:
Antenna Design**

See Website for Details - www.2cars.org

A Great Summer Time Travel Destination Ron, K8RQH

If you would like a vacation destination that explores recent history, interesting technology, and radio operation all in one venue, consider visiting one of the hundreds of the Aircraft / Aviation museums available throughout the USA. I used www.bigroads.com that has a suggested list of the best museums to visit by state to fit your vacation travels and available time. There are quite a few destinations just within a day's drive from northeastern Ohio which would be a great summer getaway.

One recommended choice would be the Wildwood Naval Air Station in Southern New Jersey. This naval base was built in the early years of WW2 and purposed to train dive bomber and fighter pilots for assignments in the Atlantic and Pacific war zones.



This is a nice outdoor inspection of a F-14 Tomcat Jet assigned for several years on the USS John F. Kennedy aircraft carrier. I was amazed on how large the plane was standing next to it.



Another view of the vast coverage of "Hangar 1". The sound absorption is interesting to experience from the wooden structure. One notices the lack of echo's and overall quiet when touring the exhibits.

It features the only remaining "Standard Wood Hangar" structure designed by the Department of the Navy in the 1930's that was kitted in Washington state and then delivered by train for final assembly on the military base.

The hangar is highly unique being prefabricated almost entirely of wood, including its truss system, in order to conserve steel for use in constructing ships, planes, and other war related items. The 92,000 square-foot hangar (covering the equivalent of two football fields) follows standard military designs and is still considered the largest wood-frame structure in New Jersey. One immediately notices the quietness of being in the hangar as sounds are easily absorbed within the structure.



Many citizens used a crystal radio set such as the one shown here to get the news and information in the 1930's and 1940's. Not sure if the antenna is genuine, but it is cute.



Amateurs benefited with the commercialization of military equipment in the 1940's. Here the Sky Champion is marketed as "The Radio Man's Radio".



Visitors can tour the historic wooden hanger built for military use. This hanger is the last of its type in existence surviving years of weather. One of my family members inspects a Russian MIG that was operational in the 1960's.

There are over 28 military aircraft exhibited in the museum along with various naval ground support equipment and military vehicles in the Wildwood Naval Air Station making it a full one day visit. Additionally, there are more recent Coast Guard rescue helicopters, boats and surveillance drones on display in the museum. I enjoyed inspecting one of the early Russian MIG's and comparing the design philosophy differences between the East and West aircraft design.

There are several exhibits covering the history of wartime military radio which include the traffic handling and enemy encryption systems (*Enigma Machine*), Radar, and the interesting use of wireless technology through the following peacetime years.

I found this museum to be a gem to visit. It may be easily toured in a couple of hours and contains a nice gift shop for a book or souvenir. Same day reentry is permitted to allow the visitor a short walk to the air field's popular "Flight Deck Diner" and enhance the museum experience with an aviator breakfast or lunch.



Most air station museums do have a collection of radio equipment with this NAS being no exception. Here is a rare "Scott" Marine Radio, Model SRLM from the 1940's.



Photo of a Weasel in action in Europe during WW2. Note the radio operator in the back and the loaded vertical antenna mounted at the rear of the vehicle.



Here is the military deployment of the Hallicrafters "Sky Champion" S-20R in a tactical Weasel vehicle. Many Weasels were produced by the Studebaker car company.

Field Day 2024 Wrap-up

John, NU8Y

MVP AWARD – this year the coveted CARS outstanding provider award goes to Harbor Freight! Without their broad line-up of quality tools and equipment, our huge success would not have been possible. From set-up to tear-down, almost everywhere you looked, Harbor freight was a part of this year's Field Day. From hammers, pliers, wire cutters, zip ties, ratchet straps, extending flag poles, power generation, blue tarps, tent stakes, bungee cords, moving dollies, flashlights, bright orange streamers, and much more. Thank You Harbor Freight. We couldn't have done it without you.

GLOBAL WARMING ALERT – It has been widely reported that during the weekend of Field Day 2024, the ambient temperature in North America rose by nearly 20 degrees due to the increased amount of amateur radio interaction with the ionosphere.

Al Gore (AL1BS), climate guru, stated that “the atmosphere was under attack from amateur radio” and promised to address this issue in his upcoming new movie “The Inconvenient Frequency”.

RECORD CROWDS – Thousands and thousands of residents visited Elmwood Park in Independence, during the CARS 2024 Field Day Event. Most of them either went to the swimming pool or to the tennis courts. The CARS leadership team is studying the situation and working on plans for next year to try and get some of the residents to visit the Field Day site.

W8BM 7A OHIO – In addition to the six radio stations we operated, we actually had a seventh and even more important station that operated throughout the weekend. That station was the food station. We are grateful that we had such fantastic volunteers who procured, prepared, and served meals around-the-clock. Thank you so much to all who helped in this effort.

AND FINALLY! - By all accounts, Field Day 2024 was a huge success and all who participated had a great time. If you couldn't make it this year, then plan on joining us next year. Come for a few minutes, come for a few hours, come for the weekend. Just come to say hello and have dinner with us. See you June 2025.

July Net Shed

July	3	AC8NW
July	10	AC8TN
July	17	WT8O
July	24	K8RJH
July	31	KD8ACO

**Nets are run every Wednesday at
9:00 PM on:**

146.820 (PL 110.9)

**443.825(+) PL Tone 131.8
Digital Yaesu Fusion / C4FM
Linked to the 146.82 Repeater**

EchoLink Node 343470 (K8ZFR-R)

Allstar Node 47067

WIRES X Node 91242-Room 01242

July Meeting Program

Joe, KD8BAS

Edison Fong, WB6IQN, is our guest speaker for our July 9th meeting. He earned his BSEE, MSEE, and Ph.D. in electrical engineering. He has 12 patents and over 40 papers and books published. He has taught graduate classes in Antenna Design, RF Design, and high speed interface.

Mr. Fong is the inventor of the DBJ - 1 and DBJ - 2 antennas featured in the February 2003 and March 2007 QST. His latest antenna is the TBJ- 1 Triband antenna, published in the March 2017 QST. Ed will give a history on how these antennas were developed and the theory on how and why they work so well.

May VE Session

Once again, Metro, W8MET, competently led his outstanding VE team consisting of Gary, NI8Z; George, K8KR; Roger, N8TCP; Steve, K8SAS; Fred, K8IG, and Linda, N8LRS to another successful VE Session on Sunday May 12th, 2024, at the Old Elmwood Recreation Center in Independence.

Two hams passed their Technician exams becoming licensed amateurs. KF8BLV, and Zach Resmer, KF8BLS, and welcome to the Amateur Radio Service. Zachary Resmer, KF8BLS, also upgraded to General. Well done by all.

The next VE testing session will be held Sunday, July 14th, at 9:15 AM at the Old Elmwood Recreation Center, 6200 Pete Wisniesky Parkway, Independence 44131. Directions and a map are on the CARS website homepage. For information or an appointment please contact Metro, W8MET, at 216-520-1320 or metro351@sbcglobal.net

[Reprinted from May 2024 issue to include new call signs. Ed.]

The *Wobbly Oscillator* is a publication of the Cuyahoga Amateur Radio Society. Articles from this publication may be reprinted in any ham radio publication, if credit is given to this publication and the author, if known.

All submissions should be emailed to: Toby Kolman, WT8O at wt8o@att.net

Honorary Members

Any person who by nature of outstanding or meritorious contribution to the furtherance of amateur radio and the ideals of the Cuyahoga Amateur Radio Society

Robert Check, W8GC
Elected 2/10/15

Thomas Wayne, WB8N
Elected 1/10/17

Dwaine Modock, K8ME/SK
Elected 5/9/17

Toby Kolman, WT8O
Elected 10/10/17

Jerry Smith, NW9H
Elected 5/8/18

Ron Borkey, K8VJG/SK
Elected 5/14/19

Ed Stevens, WB8ROK/SK
Elected 8/10/21

Vince Bak, N8OVW/SK
Elected 11/14/23

2024 CARS Committees, Officers, Board and Trustees

CARS 2024 Committees

50/50

Chair: Andy Evridge, KD8SCV

Audio/Video

Chair: Scott Smith, AC8NW

Awards

Co-Chairs: Bob Check, W8GC and Toby Kolman, WT8O

Fund Raising

Chair: Bob Check, W8GC

Members: Ron Hollas, K8RJH, Matt Perlman, KE8OZU and Gary Schmid, WA8GCR

ARRL Liaison

Chair: Ron Hollas, K8RJH

Audit

Chair: Ron Hollas, K8RJH

Members: Eddie Stevens, KD8FTS and Toby Kolman, WT8O

Field Day

Co-Chairs: Bob Robbins, K8RGI and Toby Kolman, WT8O

Members: Scott Smith, AC8NW, David Korow, AC8TN, Arp Viiberg, K8ARP, Ron Hollas, K8RJH, Andy Evridge, KD8SCV and Mark Moro, WJ8WM

Hamvention Bus

Chair: Eddie Stevens, KD8FTS

Member: Toby Kolman, WT8O

Historian

Chair: Toby Kolman, WT8O

Holiday Party, Summer

Picnic

Chair: Toby Kolman, WT8O

Members: Arp Viiberg, K8ARP, Kim Balach Costa, KD8FTU, Diane Balach, KD8FTV and Mark Moro, WJ8WM

License Classes

Chair: David Noeth, KD8ACO

Members: Joel Chaney, K8SHB and Toby Kolman, WT8O

Media Representative

Chair: Andy Evridge, KD8SCV

Membership

Chair: Toby Kolman, WT8O

Member: Matt Perlman, KE8OZU

Net

Chair: Toby Kolman, WT8O

Members: Scott Smith, AC8NW, David Korow, AC8TN, Ron Hollas, K8RJH and David Noeth, KD8ACO

Newsletter

Chair: Toby Kolman, WT8O

Programs at Meetings

Chair: Joe Ulaszewski, KD8BAL

Members: Eddie Stevens, KD8FTS and Matt Perlman, KE8OZU

Property to Sell Custodian

Chair: Bob Check, W8GC

Public Service

Chair: Eddie Stevens, KD8FTS

Member: Arp Viiberg, K8ARP

QSL Manager

Chair: Metro Sinko, W8MET

Quartermaster

Chair: Toby Kolman, WT8O

Records Custodian

Chair: Terry Pillatt, KB8DTC

Refreshments - Coffee

Chair: John Derner, NU8Y

Refreshments - Donuts

Chair: Matt Neely, NU8H

Refreshments - Pop

Chair: Ron Hollas, K8RJH

Scholarship

Chair: Bob Check, W8GC

Members: Bob Robbins, K8RGI, Ron Hollas, K8RJH, Matt Perlman, KE8OZU and Toby Kolman, WT8O

Technical

Chair: Scott Smith, AC8NW

Members: Mark Scoville, AD8KE, Ron Hollas, K8RJH, Terry Pillatt, KB8DTC, Mark Rosewicz, KC8ESG, David Noeth, KD8ACO and Mark Moro, WJ8WM

Webmaster/email

Chair: Bob Check, W8GC

Member: Matt Perlman, KE8OZU

Sunshine (Welfare)

Chair: Andy Evridge, KD8SCV

VE Exams

Chair: Metro Sinko, W8MET

2024 Officers

President

Toby Kolman, WT8O

[440-525-6109](tel:440-525-6109)

wt8o@att.net

Secretary

Matt Neely, NU8H

[216-965-4476](tel:216-965-4476)

matt@matthewneely.com

Alternate Secretary: Matt Perlman, KE8OZU

Vice-President

Ron Hollas, K8RJH

[216-379-7440](tel:216-379-7440)

ron@hollas.co

Treasurer

Matt Perlman, KE8OZU

[216-337-1540](tel:216-337-1540)

matt@seagem.me

CARS 2024 Executive Board

Board Chair

Mark Moro, WJ8WM

[216-496-2871](tel:216-496-2871)

Alternate: Arp Viiberg, K8ARP

Even Year Board Members

Scott Smith, AC8NW, John Derner, NU8Y
and Mark Moro, WJ8WM

Odd Year Board Members

Arp Viiberg, K8ARP, Bob Robbins, K8RGI
and Eddie Stevens, KD8FTS

CARS License Trustees

K8ZFR Trustee

Toby Kolman, WT8O

W8BM Trustee

Bob Check, W8GC

W8HBI Trustee

Bob Check, W8GC